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The Commonwealth of Massachusetts

ANNUAL REPORT

OF THE

TRUSTEES

OF THE

*Mass.* MONSON STATE HOSPITAL (*Epileptics*), *Palmer*

FOR THE

YEAR ENDING NOVEMBER 30,

1935

DEPARTMENT OF MENTAL DISEASES



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MONSON STATE HOSPITAL

(Post Office Address: Palmer, Mass.)

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TRUSTEES' REPORT

To His Excellency the Governor and the Honorable Council:

The Trustees of the Monson State Hospital submit herewith their annual report:

The condition of the patients at this hospital during the past year has been so satisfactory, despite the handicaps of insufficient room for so many, and hampering cuts in funds of some departments from what was requested, that your trustees are rejoicing thereover, as overcrowding is always a threat to patients' well-being.

We are in accord with the view expressed by the committee of the Department of Public Safety that two wooden buildings should be abandoned as places in which to house patients: One of these is Hyde Cottage, the other being called Farm Cottage. Before this can be done, however, provision must be made for extra housing space. With these buildings fully occupied, there is insufficient room here for the more than 1,500 patients and thus before buildings of wood can be disposed of, another place for their occupants must be provided. A measure of relief would be afforded by the erection of an infirmary for male patients albeit the need for this infirmary is for its own values as an infirmary, mainly. As mentioned in previous reports the lack of infirmary facilities for men, necessitates the allocation of new-coming men patients in perhaps unsuitable places until their real status is revealed. An infirmary would permit their classification and proper allocation, to their and to our benefit, not to mention the effect on other patients.

The need of an assembly hall must again be stressed. Perhaps an extract from the report of last year will serve. " . . . The present assembly hall can take care of an assemblage of 525 persons. There now is frequent need of accommodations for an assemblage of 800 persons and the population here is growing fast. There is another reason that is important for replacing this old assembly hall. It is not on the ground floor. It well may be said that with a population of the sort we have at



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this hospital, an assembly hall should not be off the ground floor. It earnestly is to be hoped that appropriation for a new assembly hall will be made at an early date."

A building to house 100 employees is urgently needed. This need has been made more acute by the increased personnel necessarily accrued during the past year. While it is not so hazardous to house employees in wooden buildings, as it is in the case of patients, there is however, much against the practice. In this case the employees are housed in a building of wood which is very old and which has reached the age when deterioration is rapid. Even if it were expedient from another viewpoint to reconstruct, the age of the building forbids and it should be abandoned. We ask for an employees' building with a capacity of 100 persons.

The building program of the recent past has absorbed much of our farm land for use as building sites that formerly produced well. Land of suitable nature contiguous to the hospital property is available and we ask that appropriations be made to purchase this at an early date to replace that used for building sites.

May we again quote from a previous report? Last year in the Trustees Report we said "... The annual request for inter-building roads seems by its repetitive nature to lose force. This should not be the case as this institution suffers in many ways because of its lack of decent connecting roads between buildings. At this vast institution with its nearly 1,500 patients (now more than 1,500) never a dollar of appropriation has been for roads. It must be apparent to all that buildings cannot be constructed upon mountainside terrain and be safely operated for patients, without the construction of roads; and good roads. Good roads, because on hilly land, the surface water during severe rain storms becomes torrential and poorly constructed roads cannot endure. It must again be said that good roads with proper drainage are very much needed; imperatively so and a large appropriation should be made in order to remedy in part the deficiency of the past. An appropriation of at least \$50,000 should be made to start this important work well on its way. This request has been made year after year."

Respectfully submitted,

GEORGE A. MOORE  
JUSTUS G. HANSON  
ELIZABETH HORMEL  
MARY B. TOWNSLEY

GEORGE D. STORRS  
JOSEPH L. SIMON  
CHARLES I. HOSMER

*Trustees.*

#### SUPERINTENDENT'S REPORT

*To the Trustees of the Monson State Hospital:*

The report for the year 1935 is herewith submitted.

#### MEDICAL SERVICE

The medical service has, during the past year, under the direction of Dr. H. Sinclair Tait, continued to function satisfactorily, our senior physicians, Dr. Samuel O. Miller and Dr. Donald J. MacLean, being in charge of their respective services. The usual daily staff conferences have been held in which cases are presented for diagnosis, treatment and disposition. A daily conference of the ward physicians at 1:30 p.m. has been instituted to receive ward reports, discuss new admissions and take up matters pertaining to the various activities of the medical service. Dr. John B. Dineen who has been a member of the staff since October 22, 1934 resigned on September 30, 1935 to take up general practice; the vacancy thus created was filled by the appointment of Dr. Leon J. Robinson on October 14, 1935. Dr. Robinson who comes to us well recommended is a graduate of Harvard College and Boston University Medical School, 1934. On May 31, 1935, the assistant superintendent, Dr. Riley H. Guthrie, who has been on the staff for the past five years, was appointed Assistant to the Commissioner and later Chief Executive Officer of the Boston Psychopathic Hospital. The vacancy thus created was filled by the appointment of Dr. H. Sinclair Tait, formerly of the Taunton State Hospital, on June 16, 1935.

During the past summer, Mr. Eugene Labuz, a fourth year student at Tufts Medical School, worked in the pathological laboratory as assistant, from July 1, to September 1, and studied neuropathology under the supervision of the pathologist. Two fourth year students served as internes from June 1 to September 1 and were detailed as clinical assistants to the staff physicians. It is felt that they became familiar with the problems of the investigation and care of the epileptic and



gained useful experience thereby. Two more senior students will be taken on as internes next year. The members of the visiting and consulting staff have continued to respond to requests for their services at all times and Doctors Moore and Birnie, in particular, have been called upon frequently to examine and advise on cases needing special consultation. In addition, Dr. Moore has given freely of his time in examining patients sent to his office. The services of these physicians are appreciated very much.

The number of autopsies continues to increase, albeit slowly, and full advantage of these is taken by the members of the staff. Clinical pathological conferences are held after each autopsy and on frequent occasions special staff conferences have been held in the laboratory where gross specimens and microscopic slides are examined and discussed. The use of a microphotograph projector would be of definite value in these special conferences.

The members of the staff have continued their lectures to the nurses and attendants and with the increase in the number of attendants, the classes are large and the course given to them has been reorganized and enlarged. It is felt that these lectures will enable the attendants to understand and care for the special type of patients more fully. Special consideration is given to the appreciation and understanding of the peculiar difficulties associated with the epileptic and his institutional care.

Staff members have continued their interest in special problems in relation to the various aspects of epilepsy and contributions of interest found in the various journals are discussed. During the year, Dr. Guthrie published a paper entitled "Epilepsy in Identical Twins: A Presentation of Three Pairs of Twins" in the *Journal of Nervous and Mental Diseases*, Vol. 81, No. 4, April 1935, in collaboration with Dr. William M. Lebowitz of Chelsea; and Dr. C. Stein have completed a paper entitled "The Role of Mental Hygiene in General Practice" which will be published in due course.

The general health of the employees has been good and we are glad to record no case of reportable disease for the past year. Dr. H. E. Miner, District Health Officer, was called to see a sporadic case of infantile paralysis in a child in September and no further cases developed. During the summer months, nine cases of German measles and one case of scarlet fever developed at the Children's Colony. Appropriate measures of quarantine and treatment resulted in no spread of these diseases. A recent survey of the tuberculosis situation among the patients discloses no active cases, with a total of seventeen cases. All employees are given an x-ray examination of the chest on admission in conjunction with the physical examination. The work of inoculating against typhoid and the vaccination of all patients, as well as employees, continues. The treatment of patients with venereal disease is under the direction of Dr. Forrer; twelve cases are now receiving neoarsphenamine and bismuth salicylate therapy.

Doctors Lennox and Cobb have again visited the institution and continued their research work dealing with the electro-encephalogram in epilepsy and a series of cases were examined by their special technique. These studies were largely made with patients suffering from petit mal seizures and it is felt that, while this work is only in its earliest stages of development, so that no conclusions as to its value can be estimated at the present time, new light is being thrown upon the complicated problem of the epileptic seizure and that this new method, justly called by Adrian and others the Berger rhythm, will open up a wide field of investigation of brain function, both normal and abnormal, seems indicated.

The annual meeting of the Hampden District branch of the Massachusetts Medical Society was held here on September 17 and was well attended. A paper was read by Dr. Paul I. Yakovlev, pathologist, and a case of Wilson's disease was presented; several other cases of neurological interest were shown and discussed. Dr. Stein also read a paper entitled "The Place of Mental Hygiene in the Community."

Two members of the staff are attending the regular meetings of the neurological research group held in Boston and are now engaged in research problems in neuropathology under the direction of Dr. Leo Alexander. The neurological consultation service continues to be largely used by physicians in the community and it offers



us an opportunity to make recommendations which, in some cases, may enable patients to remain in the community rather than become institutionalized immediately. This is of particular value at the present time when all the hospital beds are occupied and a large number of applications for admission are on file. Four male and two female patients were deported to other states by order of the Department of Mental Diseases.

During the year there occurred thirty-four fractures and a number of minor abrasions and contusions caused principally by accidental falls during epileptic seizures. These were reported to the Department. Unexpected injuries, fatal and otherwise, are always imminent as also sudden deaths, directly or indirectly from a seizure.

A general survey of the clinical activities of the hospital shows that 1,600 patients were treated, 63 out-patients were visited, 29 autopsies were performed, the total deaths amounting to 107.

No new discoveries either relating to the cause of epilepsy or its treatment can be said to have been made. The treatment of epilepsy is still palliative. The material at hand in this hospital offers unusual opportunities for therapeutic research and remedies that seem to promise a definite improvement in our line of treatment are made use of. However, phenobarbital remains the main dependence in the treatment of epilepsy. This drug is most valuable in decreasing the frequency and severity of convulsions, in making the management of epileptic patients less difficult, in retarding mental deterioration, and in some cases restoring the patient to usefulness. Many of the patients admitted here are advanced cases who are no longer able to adjust satisfactorily in the community. The results in these cases are not encouraging; however, in some cases, some relief can be given. It is obvious that in a general way, patients who have had but a few convulsions or who show no mental deterioration, respond better to active treatment. Exceptional cases in which there is gross brain damage may pursue a fulminating course in spite of medical treatment, even in their early stages. Such patients are sometimes amenable to surgical treatment. Those surgeons who are obtaining good results by radical procedures are, no doubt, selecting their cases carefully. As more care is taken in the examination of cases who are subject to convulsions, more patients are discovered with localizing cortical signs, and therefore, may respond favorably to surgical intervention. In epileptics, when the disorder is of short duration, or when there is much emotional tension, or where the convulsions occur only at night, phenobarbital, dietetic and general hygienic measures may be very effective. It is apparent that more can be done for very early cases which have every advantage of modern diagnostic methods and treatment. One is reminded, in this respect of the progress in the treatment of cancer and tuberculosis. Early recognition has been the first criterion of success in both these diseases. With the advent of repeal of prohibition, more patients in whom alcohol is a precipitating causal factor are met with. These exemplify the type of patient in whom early treatment meets with gratifying success.

#### DENTAL DEPARTMENT

This department under the direction of Dr. Arthur R. Adam, dentist, has continued to take care of the dental needs of the patients satisfactorily and a record of the work done is appended. Both local and general anaesthesia are used for extractions as well as for the preparation of cavities and the removal of vital pulps. Frequent X-ray examinations have been made and efforts continue to be made to stress the necessity for clean teeth.

Extractions, 654; cement, 126; porcelain, 80; amalgam, 333; treatment, 321; cleaning, 406; impressions, 44; bite, 31; try in teeth, 22; repair denture, 26; inserted denture, 21; inserted bridge, 9; fracture, 2; impression for crowns, 1; repair bridge, 3; abscess opened, 1; removal interdental splint, 2; put on band for fr. alveolus, 1; inserted crown, 1; inserted steel facing on bridge, 1; extraction — employees, 69; try on crowns, 8; extraction impacted cuspid, 1.

#### X-RAY DEPARTMENT

The facilities of this department have been in more or less constant demand during the past year, and the technician, Miss Rita Clark, has been able to take care of all the cases referred by the ward physicians, including both radiographic



and fluoroscopic examinations. A cassette shifting device for stereoscopic chest examination has been constructed by the foreman mechanic and this is now in use with satisfactory results. The value of the X-ray department would be materially enhanced by the purchase of a portable machine whereby bed patients in the various buildings could be examined without the difficulties of transporting them to the laboratory. Recent additions to the library have been made, and all new employees have an X-ray chest examination in addition to the routine physical examination. The technician has recently prepared for and taken the necessary examination for qualification as a registered technician. A summary of the work done in this department is shown:

Number of patients, male . . . . .	59
Number of patients, female . . . . .	105
Number of re-examinations . . . . .	28
Number of employees, male . . . . .	28
Number of employees, female . . . . .	62
Number of fracture cases, male . . . . .	19
Number of fracture cases, female . . . . .	17
Number of re-examinations, employees . . . . .	7
Out-patient, referred cases . . . . .	15
Observation cases . . . . .	13
Fluoroscopic examinations . . . . .	10

Total number of X-ray examinations . . . . . 353

An analysis of the various types of examination included in this total is given as follows:

Region	Male Patient	Male Employee	Female Patient	Female Employee	Total
Skull . . . . .	16	2	10	4	32
Sinus . . . . .	—	1	—	2	3
Mastoid . . . . .	3	1	3	—	7
Jaw . . . . .	4	1	3	—	8
Nose . . . . .	2	—	—	—	2
Teeth . . . . .	—	—	—	3	3
Chest . . . . .	10	7	55	48	120
Heart . . . . .	2	1	3	—	6
Ribs . . . . .	6	2	4	3	15
Cervical spine . . . . .	2	—	3	—	5
Dorsal spine . . . . .	—	—	1	—	1
Lumbar spine . . . . .	2	2	3	2	9
Stomach . . . . .	—	3	—	2	5
Gall-bladder . . . . .	—	1	—	2	3
Colon . . . . .	—	1	—	1	2
Kidney . . . . .	—	1	—	—	1
Clavicle . . . . .	2	—	3	—	5
Shoulder . . . . .	5	2	13	2	22
Humerus . . . . .	2	1	1	—	4
Elbow . . . . .	3	2	4	—	9
Forearm . . . . .	2	1	2	—	5
Wrist . . . . .	8	—	1	1	10
Hand . . . . .	15	6	6	1	28
Hip . . . . .	—	—	3	—	3
Knee . . . . .	1	1	3	3	8
Lower leg . . . . .	—	—	8	—	8
Ankle . . . . .	7	1	12	2	22
Foot . . . . .	3	2	2	1	8
Total . . . . .	95	39	143	77	354

#### LABORATORY AND RESEARCH

This department under the direction of Dr. Paul I. Yakovlev has continued to take care of the various demands made upon it by the members of the medical staff with the assistance of Mrs. Gertrude Sullivan, the laboratory technician. In addition to the routine examinations, various spinal procedures have been carried out and several lines of research resulting from clinical observations have been undertaken. This year was notable, in one respect, for the increase in the autopsies performed, indicative of close cooperation between the clinical and pathological services. A total of 29 autopsies indicates a percentage of 36.8, the total deaths in the institution being 107. All autopsies are reported upon at staff meetings and frequent special conferences are held in the laboratory to discuss interesting neurological and laboratory data that arises during the course of investigation. The basal metabolism equipment is in use frequently and new procedures now being made use of include cholesterol and calcium determinations. Complete blood

examinations as well as urinalyses are made on all admissions. Three afternoons weekly are devoted to pathological tissue work. Patients admitted for a period of observation receive thorough clinical and laboratory examinations and a report is sent to the attending physician. A set of Kaufmann's Pathology, three volumes, has recently been added to the medical library. Special work on a series of cases of tuberosc sclerosis has been completed and presented before the staff.

A summary of the work done in this department is appended:

	Male	Female	Total
Urines . . . . .	208	258	466
Complete blood counts . . . . .	47	128	175
White blood counts . . . . .	22	42	64
Blood non-protein nitrogen . . . . .	16	27	43
Blood sugar . . . . .	12	11	23
Sugar tolerance curve . . . . .	3	1	4
Renal function (P.S.P.) . . . . .	1	1	2
Blood chlorides . . . . .	2	4	6
Fragility of red cells . . . . .	1	1	2
Blood cholesterol . . . . .	4	13	17
Blood calcium . . . . .	33	18	51
Coagulation time . . . . .	1	2	3
Bleeding time . . . . .	1	1	2
Bacteriological smears . . . . .	2	9	11
Basal metabolisms . . . . .	26	80	106
Spinal fluid examinations . . . . .	19	8	27
Total . . . . .	398	604	1,002

#### PHYSIOTHERAPY DEPARTMENT

This department is in daily use and the various modalities employed are of definite value in the cases referred by the physicians. The technical work has been carried on by Miss Rita Clark in a satisfactory manner and a summary of the work done is herewith appended which indicates a general increase, both in number of patients treated and the total number of treatments given.

<i>Patients</i>	Male	Female	Treat-ments	Hours
Ultra-violet . . . . .	6	99	1,011	149
Radiant heat . . . . .	37	91	1,059	419
Diathermy . . . . .	41	33	661	468
Baking massage . . . . .	3	6	108	81
Total of all treatments . . . . .	87	229	2,839	1,117

<i>Employees:</i>	Treat-ments	Male	Female	Hours
Ultra-violet . . . . .	111	4	20	15
Radiant heat . . . . .	326	6	8	30
Diathermy . . . . .	50	4	—	36
Total . . . . .	487	14	28	81

#### CONSULTING AND SURGICAL SERVICE

The services of Dr. Birnie, Dr. Murphy and Dr. Moore have been in frequent demand throughout the year, and, in addition, many minor surgical conditions have been cared for in the dressing and first aid rooms. The following is a record of the work done in the operating room, examinations and consultations:

Appendectomy, 15; mastoidectomy, 3; osteomyelitis, 1; operation on sinus, 4; herniotomy, 1; septum repair, 1; gall-bladder drainage, 1; dilatation of anal sphincter, 1; breast removed (radical), 1; otitis media, 3; eye consultation, 35; refraction, 41; F.B. eye removed, 1; eye treatment, 18; nose treatment, 1; surgical consultation, 8; total, 137.



#### OUT-PATIENT DEPARTMENT

As in previous years the out-patient department was conducted on the principle of a consulting and observation unit for patients referred by private practitioners or various social service welfare agencies. No patient is treated in the O.P.D. unless so referred. Moreover, certain cases of epilepsy applying for admission to the institution are examined and studied at the O.P.D. in order to determine whether immediate admission or ambulant treatment for a period of time is indicated. In most instances when the patient is referred for the first time he remains from three to seven days, under observation, during which various clinical and laboratory examinations, lumbar puncture, encephalogram, psychiatric and psychometric tests are done. In each case a detailed report of the findings and the recommendations for treatment are given to the referring physician or welfare agency.

During the year 88 individuals were referred to the O.P.D. by private practitioners from various parts of the state and a total of 118 consultations were given. Of the 88 patients received, 72 were referred because of a history of epilepsy and 16 were referred because of various neurological and psychiatric conditions other than epilepsy. Of the 72 epileptic cases, 21 were return visits (second or more), 51 were new cases (first visits), 6 were admitted to the hospital for institutional care, and in 66 cases ambulatory treatment was advised, the patient remaining in the community and returning at regular intervals (1—6 months) for medical advice. The 16 non-epileptic cases were found to be made up of the following disorders:

General paralysis . . . . .	1	Post-encephalitic narcolepsy . . . . .	1
Multiple sclerosis . . . . .	2	Combined cord disease . . . . .	1
Tetany . . . . .	1	Pernicious anaemia with dysphagia . . . . .	1
Caisson disease . . . . .	1	Cervical arthritis . . . . .	1
Brain tumor . . . . .	1	Herpes oticum (Ramsay Hunt syndrome) . . . . .	1
Migraine . . . . .	1	Anxiety neurosis . . . . .	1
Cerebral thrombosis . . . . .	1		

In one case, a diagnosis was not made and in one case no abnormality was found and the patient was given a clean bill of health. Four encephalograms were done during the year with satisfactory results.

Neuropathological laboratory work, in spite of heavy handicap caused by lack of another technician with no laboratory attendant to take care of the routine work, was actively carried on. One case of cystic softening of the putamen, one case of foetal cystic meningo-encephalitis, two cases of tuberous sclerosis, one case of metastatic melano sarcoma of the brain and one case of infantile cerebral palsy with subsequent development of flexion paraplegia were studied in serial section or otherwise.

#### SCHOOL OF NURSING

The enrollment of the school during the past year was as follows: 11 seniors, 8 intermediates, 3 preliminary students and 6 affiliates. The latter completed the three months course in pediatrics and eleven students successfully completed the three year course. Attendant nurses instruction classes were given to twenty-seven male and twenty-nine female attendant nurses. Graduation exercises were held on November 6, 1935 followed by a reception and dance; this was well attended and Dr. Earl K. Holt, Superintendent of the Medfield State Hospital, and formerly Assistant Superintendent of this hospital, delivered the graduating address. The Chairman of the Board of Trustees, Dr. George A. Moore, presented the diplomas to the successful graduates. The Alumni Association has been very active and the scheduled meetings have been well attended. Members of the medical staff and of various other departments have been depended upon for the lecture courses and have at all times cooperated in making the training school successful. The school is sincerely appreciative of the whole-hearted manner in which these services have been rendered.

#### MEDICAL LIBRARY

It has been the aim of the hospital to improve both the content and the use of the library and in both these directions we can note progress. Several new volumes have been added, the files of the current medical journals have been, for the most part, completed and these are now ready to go to the bindery. A number of old, out-of-date and otherwise useless volumes have been removed and it is hoped that



within a short time a number of volumes dealing with recent progress, not only in our special work, but along general medical subjects, will be added.

#### SOCIAL SERVICE DEPARTMENT

The Social Service Department is developing into a most valuable asset, not only supplying the information concerning the patient to the physician, which is of vital importance, but because of the contact established between the family and the institution. Follow-up work is continued, efforts to make satisfactory social adjustments for those returning to their homes are made, and various social agencies are contacted with a view of helping the patient get along in the community. Psychometric tests are done on all children and many of the older patients and, in the former, the class instruction is graded according to the intellectual endowment of the child. In several cases lucrative employment has been found for suitable patients and these have been found on follow-up visits to be adapting themselves satisfactorily.

The personnel of the Social Service Department for the past year has remained the same as for the previous year, consisting of a head psychiatric social worker, one assistant psychiatric social worker and one psychometrist.

The activities of the department have been as follows:

#### HOSPITAL WORK

An attempt has been made to obtain the family, personal, medical and social history on all new admissions and an interim history on readmissions. The histories, when possible, have been taken from the relatives when the patient was admitted to the hospital. If no relatives accompany the patient a call has been made at the patient's home and the history taken there. The latter method is considered more satisfactory as the parents are more at ease in their own home, are not under the emotional strain of leaving the patient, and because an opportunity is given to see the set up of the home and its environment. In connection with the history taking, summaries are obtained from the different hospitals the patients have attended. School and court records are obtained and social agencies interested in the patient have been contacted. During the last year, 202 histories have been taken, 17 of which have been interim histories on readmissions.

In as far as possible each new patient is contacted by the social service department soon after being admitted to the hospital in order to help the new patient to become adjusted to the hospital routine. Both old and new patients are visited on the wards as frequently as possible and over 300 ward visits have been made by the social service department during the past year.

Visits have been made 271 times to the patients' homes not only to get the histories but to give the family information regarding our patient and to acquaint them with what is going on here at the hospital.

An attempt has been made to visit and supervise the patients home on a visit but due to lack of time the number of patients visited is not as large as is desired. Forty patients home on visit have been visited during the past year. Patients out working in the community have also been followed as closely as possible at their work. This number is smaller than desired. The department finds it very difficult to find employment in the community for epileptic patients.

Investigation of patients' home conditions relative to discharge from this hospital have been made and 69 calls have been made on social agencies, courts, hospitals and schools.

The high school class for girls started in September 1934 has been continued with great success academically and socially. Academically they have improved in English, advanced in Arithmetic and Latin, and are very enthusiastic about Spelling Contests. During the summer they had several outings, including a picnic to a nearby park which all enjoyed immensely. In the Fall of 1935 the girls gave a commendable performance of the play "Patsy" which encouraged them to feel that they are a distinct unit of the hospital. Two of the members of the class of the previous year are this year attending public high school in their home town. Judging from the number of requests from other girls, it is felt that the class has taken a great step in promoting a goodwill feeling not only among the members of the class but also among the class girls and their associates on the various wards.



At the request of the Superintendent of the William Street Home for Girls, Springfield, the psychometric examination to the unmarried mothers at this Home has been continued. During the year 39 unmarried mothers have been given a psychometric examination. The Superintendent of the Home feels that these examinations have aided her to a better understanding of the girls and have helped her to plan for their future adjustment in the community. Thursday afternoons have been reserved for these examinations.

The monthly Saturday morning conferences with the Director of Social Work at the State House have been attended only once by the members of the department due to the expense involved in attending. These conferences are held to contribute to progress and uniformity of social work in the different hospitals. One member attended the National Conference of Social Work at Montreal, Canada, in June. Another member attended the Massachusetts Conference of Social Workers at Wellesley in September. All the members of the department, when possible, are present at the daily staff meeting at the hospital for the diagnosis and study of patients. Eight lectures on social work were given to the Nurses' Training Class by the department.

#### SCHOOL CLINIC

The travelling school clinic for the examination of retarded school children has been held at Chicopee, West Springfield, Westfield, Agawam and Ludlow. Five hundred and twenty-eight psychometric tests were given, 208 being re-examinations. A home visit was made on the families of children examined for the first time in order to obtain a family, personal and social history. Interim histories were obtained in cases where the children have been examined three or more years previously.

Upon the completion of the examinations in each school, a conference with the teacher, principal, superintendent of schools, chief of social service and the psychiatrist afforded opportunity for classification of problems in the class-room.

In addition, opportunities have been offered to parents to confer with the psychiatrist for advice on specific problems of behavior, personality and vocational guidance for their children, and an increasing percentage of these have availed themselves of this privilege.

In all the towns where the school clinics have been conducted excellent co-operation has been given by the superintendent of schools, principals and teachers. Whenever possible the physical recommendation made by the psychiatrist has been carried out.

	First Examination	Re- examination
Chicopee . . . . .	160	99
Ludlow . . . . .	30	23
Westfield . . . . .	49	46
Agawam . . . . .	20	20
West Springfield . . . . .	60	20
Palmer . . . . .	1	-
Total . . . . .	320	208

#### Recommendations

	Special Class	Institutions	Exclusion	Other Rec.
Chicopee . . . . .	193	7	19	40
Ludlow . . . . .	40	2	3	8
Westfield . . . . .	69	0	8	18
Agawam . . . . .	32	0	2	6
West Springfield . . . . .	50	2	8	20
Palmer . . . . .	1	0	0	0
Total . . . . .	385	11	40	92



## JUVENILE DELINQUENTS AND PRISONERS

The number of examinations of juvenile delinquents and adult prisoners has decreased during the past year. Ten juvenile delinquents were given psychometric tests and school tests and social histories were obtained in their cases. Three adult prisoners were given psychometric examinations.

## CHILD GUIDANCE CLINIC

As in the past the hospital has continued to furnish psychiatric services to the Springfield Hospital Child Guidance Clinic, the demands upon which have continued to increase. One hundred and thirty-six patients with one or both parents have been seen at the Clinic during 1935. Of these 70 were new cases. These made 504 visits to the Clinic.

Weekly conferences have been continued as in the past; and the primary purpose continues to be to familiarize the psychiatrist with the background and history of the patient to be seen during the following week. However, the increasing interest in these conferences shown by teachers, social workers, students, volunteers and some physicians has required a portion of the time to be reserved for some teaching and discussion in explanation of fundamental mechanisms and the emotional factors in connection with the problems studied.

## OCCUPATIONAL THERAPY DEPARTMENT

Various forms of occupational therapy are being made use of among our patients under the guidance of the director and her two assistants. Owing to the type and varied ages and capabilities of our patients, the department has found it necessary to provide a variety of interests suitable to these. For the boys, shop work and hand work (manual training) seems to be most beneficial and classes in these are carried along regularly. A perusal of the accompanying analysis of the various activities indicates the scope of the department's activities. Under the two school instructors, Miss Luby and Mrs. Celentano, the kindergarten and musical training classes have been conducted regularly and have been a valuable adjunct in the care and training of these children.

Because of the effect that epilepsy has upon the individual, occupational therapy at the Monson State Hospital is not concerned so much with physical remedial measures, as it is with mental remedial measures. The occupations presented to the patients are designed to keep them happily employed in the various parts of the hospital where they live. In general the articles made during the hours of occupation are put to use on the wards of the institution. The following is a list of the activities now in operation:—

1. *Arts and Crafts:*

This is a group of about 20 women and girls who come to work regularly each morning and afternoon. The results of their efforts are put to use on the tables, chairs, benches, etc., of the institution. In addition to those who come to work regularly, there are two at the New Infirmary, two on Ward D at Women's South and one Women's Cottage who work regularly but are unable to come to the workroom. These women are visited at frequent intervals and work supplied to them. The work of this group consists of embroidery, crocheting, knitting, hem stitching, plain sewing, tatting, rug making, drawing, poster making, flower making, and any other seasonal or interesting work that presents itself.

2. *Boys' Club:*

There are two well organized groups of boys who meet Monday, Tuesday, Thursday and Friday afternoons, for class or school work and for manual training. We have had a man who has helped with the shop work. There are thirteen boys who meet for manual training and nineteen who come for school work. In addition to articles made, the boys have swept, cleaned, repaired and painted the interior of their work shop.

The class or school group study reading, writing, arithmetic and English. They read books and magazines. They come into the study room to study. They also come in to do jig saw puzzles and other forms of amusement. They are much interested in their work and in their shop. In the near future we expect to add basketry and rug making to our activities.



A group of 18 small boys has met six different Saturday afternoons for kindergarten work. We hope to develop the activities of this group. We have quite a collection of toys, games and school material for their use.

### 3. *Current Events:*

Each Thursday afternoon for the past year a group of 9 girls and women have met for an hour to discuss the news of the day. In addition to current events, the group has held discussions of general topics, have answered and discussed the questions found in the *Liberty* magazine and the *Normal Instructor* and have solved various informational puzzles. Material and outlines for the group are typed by a member of the group who can use the typewriter. The class is interested and very regular in attendance.

### 4. *Girls' Clubs:*

Eight years ago last July two groups of girls, 15 in all, were organized as Junior Achievement Clubs. These clubs were organized to interest girls in hand work and to give them some social life and some interest outside of the hospital. The plan has been very successful and the girls have continued each year to be more and more interested. This past year we have had 5 clubs and 45 club members.

<i>Name of Club</i>	<i>Membership</i>	<i>Average Attendance</i>	<i>Meetings</i>
Jolly Millers . . . . .	15	7	70
Energetics . . . . .	11	10	60
Snappy Six . . . . .	6	6	60
Sunshine . . . . .	7	6	60
L.H.D. (Lively Half Dozen) . . . . .	6	3	40

Each Club is organized with Secretary, Treasurer, Work Manager, Time Keeper and Reporter. Business meetings are held each month and the Club pledges repeated in unison. Union Club meetings with socials are held each month. During the summer there is at least one picnic and usually the members go to the Eastern States Exposition. The total membership now is 45 with 6 probationers. The probationers become members after one month of regular attendance.

Of these members, 20 hold club pins which had been previously earned, while 24 earned pins for the first time. Of the 45 members, 6 have held their membership intact since the beginning of hospital Junior Achievement eight years ago.

*Number of articles made by the Clubs and hours of work reported:*

	<i>Salable</i>	<i>Personal</i>	<i>Hours of Work</i>
Jolly Millers . . . . .	258	18	5,089
Energetics . . . . .	194	11	2,019
Snappy Six . . . . .	54	6	3,089
Sunshine . . . . .	67	12	1,228
L.H.D. . . . .	20	5	500

---

11,925

A total of 593 salable articles and 52 owned by the girls themselves.

### 5. *Kindergarten:*

At present there are 23 children enrolled in the kindergarten at the Children's Hospital. They meet each school morning in two mixed groups for an hour and a half each. The groups are a success and the children themselves look forward eagerly to their "school" periods. Six children have been transferred to the school at the Children's Colony this past year. The following are some of the activities of the class:—Block building, peg boards, stringing beads and buttons, paper cutting, coloring with crayons, pasting, making scrap books, matching articles by form and colors, matching by letters and words, games, forms of courtesy by imitation.

When the weather permits the class is held out of doors in the play yard which has a sand box and some swings. We hope to improve this play yard and to add to our equipment this coming summer.

### 6. *Work at "M" Cottage:*

This is the TB ward and so the work has to be done and retained at the ward. The work consists of various forms of fancy work and ornaments for the beds. The class meets for two afternoons a week only.



*Calendar of Occupational Therapy (December 1, 1934–November 30, 1935)*

1934:

Dec. 5. — Doll show and exhibition of fancy work conducted by Girls' Clubs for the patients. Entries were made by 45 girls.

Dec. 19. — Christmas party and play given by the club girls. The play "Christmas Exiles" was coached by a Senior Nurse.

1935:

Feb. 28. — A play "February Holidays" given to the patients by the club girls.

Apr. 24. — Announcement of a contest sponsored by five business firms in Palmer.

A first and a second prize was offered to the two best articles exhibited by the girls of each club at the end of the contest.

June 27. — Annual exhibition of occupational therapy and girls' work. The work was judged by Mrs. Laura Dixon of the Springfield Junior Achievement Foundation and the prizes were awarded by Miss Lula P. Hayes. Eleven prizes were given as there was a tie for second place in Energetics Club.

July 31. — Club party arranged by the club members for the birthdays of the club leaders.

Aug. 15. — Boys' picnic at Forest park. 26 attended.

Aug. 22. — Arts and Crafts picnic at Forest Park. 25 attended.

Aug. 29. — Girls' Club picnic at Mt. Tom Reservation. 45 attended.

Sept. 6. — Arts and Crafts invited to exhibit at the Monson Community Fair.

Sept. 15. — Girls' Clubs exhibited at Eastern States Exposition. The girls won 19 blue ribbons and 4 red ribbons.

Sept. 16. — Five club girls, one from each club, were sent as delegates to the Eastern States Exposition. At later meetings, these delegates reported to their clubs what they had seen and heard.

Oct. 25. — Annual meeting of the Girls' Clubs for their friends and sponsors. There were about 75 patients present.

## REPAIRS AND RENEWALS

While twice the amount of money was available for Repairs and Renewals as compared with last year, yet in proportion to our needs the appropriation was very inadequate and only a few projects were covered. The laundry was rewired throughout, tin roofs and copper valleys were replaced on several buildings, window guards were replaced on three men's buildings, ventilator hoods were replaced on one building and radiator guards replaced in another. The bridge walls at the boiler plant were repaired, two additional steam tunnels were built, window screens were provided for the Women's Hospital, also a wood working machine installed in the Carpenter Shop and a new dish washer was purchased for the Clough Kitchen.

Again I wish to urge that consideration be given to the several projects held over, all of which are important if the buildings are to be maintained in good condition.

## GIFTS

On the whole fewer gifts have been received during the year. Christmas was an exception, however, and because of the generous giving by the friends of the hospital, every patient who received nothing from home was provided for from this fund which amounted to \$230.12. Clothing, a little different from that supplied by the hospital, consisting of dresses, aprons, shoulder shawls, sweaters, shoes, slippers, underwear, shirts and neckties was purchased. In addition to the useful articles, toys, games and other longed for gifts were bought.

This hospital is most fortunate in having a board of trustees who contribute freely of their time and who are always interested in the welfare of patients and employees and anything pertaining to the welfare of the hospital. To them, and the employees who have stood by the hospital through another year rendering faithful service, I wish to express my appreciation.

Respectfully submitted,

MORGAN B. HODSKINS,

*Superintendent.*



## CLERGYMEN WHO HAVE HELD SERVICES

Rev. F. A. Mooney; Rev. R. R. Morson; Rev. Sidney Willis; Rev. E. C. White; Rev. H. M. Foreman; Rev. H. C. Hoyt; Rev. John H. Freel; Rev. Moses L. Sedar; The Salvation Army.

## GENERAL INFORMATION

*Methods of Admission*

1. The regular insane commitment, such as is used at the insane hospital.
2. Two forms: (a) voluntary admissions, requiring the certificate of one doctor, which certificate must be certified by a justice; (b) commitment for those who are considered dangerous epileptics, but not otherwise insane. Each patient is required to work as much as he is able. Patients are not allowed to go to town alone, nor to walk out alone. They are expected to live on plain diet and to go to bed early. These restrictions are not irksome when they are fully understood.

*Patient's Clothing*

The outfit requisite for a patient coming here is much the same as would be needed at home.

*Location*

The hospital is located in the town of Monson, but less than one mile from the village of Palmer, so that Palmer is the address for all purposes. Palmer is on the Boston and Albany Railroad, between Worcester and Springfield, and is at the junction of the Boston and Albany and the New London Northern Division of the Central Vermont. The Ware River Branch of the Boston and Albany Railroad has one terminus in Palmer, the other in Winchendon. Palmer is 84 miles from Boston, and the railroad fare is \$3.02 by train, and \$2.00 by bus.

## VALUATION

REAL ESTATE		
Land, 661.79 acres		\$17,645.00
Buildings and betterments		19,03,197.26
		<hr/>
PERSONAL PROPERTY		\$1,920,842.26
Travel, transportation and office expenses		\$5,159.45
Food		8,206.03
Clothing and materials		19,554.00
Furnishings and household supplies		223,956.27
Medical and general care		18,643.61
Heat and other plant operation		14,796.22
Farm		36,856.18
Garage and grounds		7,956.27
Repairs		21,653.41
		<hr/>
SUMMARY		\$356,781.44
Real Estate		\$1,920,842.26
Personal Property		356,781.44
		<hr/>
		\$2,277,623.70

## FINANCIAL STATEMENT

*To the Department of Mental Diseases:*

I respectfully submit the following report of the finances of this institution for the fiscal year ending November 30, 1935.

STATEMENT OF EARNINGS		
Board of patients		\$16,847.48
Personal services		193.00
Sales:		
Travel, transportation and office expenses		\$3.04
Food		1,128.80
Clothing and materials		36.39
Furnishings and household supplies		34.81
Medical and general care		159.43
Heat and other plant operations		1.00
Garage and grounds		1.60
Repairs ordinary		88.36
Farm		256.80
Total Sales		<hr/>
Miscellaneous:		1,710.23
Interest on bank balances		\$41.62
Rents		726.50
Total Miscellaneous		<hr/>
Total Earnings for the year		768.12
		<hr/>
		\$19,518.83



Total cash receipts reverting and transferred to the State Treasurer . . . . .	\$19,501.37
Accounts receivable outstanding Dec. 1, 1934 . . . . .	\$31.92
Accounts receivable outstanding Nov. 30, 1935 . . . . .	\$49.38
Accounts receivable increased . . . . .	\$17.46
MAINTENANCE APPROPRIATION	
Balance from previous year, brought forward . . . . .	\$17,157.74
Appropriation, current year . . . . .	553,255.00
Total . . . . .	\$570,412.74
Expenditures as follows:	
1. Personal services . . . . .	\$299,297.94
2. Food . . . . .	75,245.12
3. Medical and general care . . . . .	9,518.08
4. Religious instruction . . . . .	1,545.92
5. Farm . . . . .	20,520.97
6. Heat and other plant operation . . . . .	71,281.34
7. Travel, transportation and office expenses . . . . .	4,304.43
8. Garage and grounds . . . . .	6,097.39
9. Clothing and materials . . . . .	12,416.59
10. Furnishings and household supplies . . . . .	19,786.66
11. Repairs ordinary . . . . .	8,967.24
12. Repairs and renewals . . . . .	9,492.11
Total maintenance expenditures . . . . .	\$538,973.79
Balance of maintenance appropriation, Nov. 30, 1935 . . . . .	31,438.95
SPECIAL APPROPRIATIONS	
Balance December 1, 1934, brought forward . . . . .	\$446,238.67
Appropriations for current year . . . . .	11,000.00
Total . . . . .	\$457,238.67
Expended during the year (see statement below) . . . . .	\$228,324.84
	228,324.84
Balance November 30, 1935, carried to next year . . . . .	\$228,913.83

APPROPRIATION	Act or Resolve Ch. yr.	Total Amount Appropriated	Expended during fiscal years	Total Expended to date	Balance at at end of year
Sewage filters—Mass. State Project M-23 P.W.A. Docket No. 1296 . . . . .		\$67,500.00	\$8,729.31	\$58,537.89	\$8,962.11
Storehouse and cold storage— Mass. State Project M-21 P.W.A. Docket No. 1085 . . . . .		112,000.00	52,695.22	99,750.94	12,249.06
Kitchen, dining room and bakery—Mass. State Project M-51 P.W.A. Docket No. 5628 . . . . .		323,500.00	143,104.54	143,338.63	180,161.37
Steam and hot water lines— Mass. State Project M-22 P. W.A. Docket No. 2037 . . . . .		100,000.00	22,526.50	97,189.44	2,810.56
Laundry equipment . . . . .	162-1934	15,000.00	1,269.27	1,269.27	13,730.73
Completion of Garage . . . . .	249-1935	2,000.00	—	—	2,000.00
Additional Fire Protection . . . . .	249-1935	9,000.00	—	—	9,000.00

## PER CAPITA

During the year the average number of patients has been, 1,470.12.

Total cost of maintenance, \$538,973.79.

Equal to a weekly per capita cost of (52 weeks to year), \$7.0503.

Total receipts for the year, \$19,501.37.

Equal to a weekly per capita of, \$.2550.

Total net cost of Maintenance for year (Total Maintenance less total receipts) \$519,472.42.

Net weekly per capita, \$6.7953.

Respectfully submitted,

SARAH E. SPALDING,  
Treasurer.



## STATISTICAL TABLES

AS ADOPTED BY THE AMERICAN PSYCHIATRIC ASSOCIATION, PRESCRIBED BY THE  
MASSACHUSETTS DEPARTMENT OF MENTAL DISEASES

TABLE 1. *General Information*

(Data correct at end of institution year November 30, 1935)

Date of opening as a hospital for mental diseases, May 2, 1898.

Type of hospital: State.

Hospital plant:

Value of hospital property:

Real estate, including buildings . . . . .	\$1,920,842.26
Personal property . . . . .	356,781.44

Total . . . . .	\$2,277,623.70
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Total acreage of hospital property owned, 661.79.

Additional acreage rented, 9.67.

Total acreage under cultivation during previous year, 118.25.

Officer and employees:

	Actually in Service End of Year			Vacancies at End of Year		
	M.	F.	T.	M.	F.	T.
Superintendents . . . . .	1	-	1	-	-	-
Assistant physicians . . . . .	6	1	7	-	-	-
Total physicians . . . . .	7	1	8	-	-	-
Stewards . . . . .	1	-	1	-	-	-
Resident dentists . . . . .	1	-	1	-	-	-
Pharmacists . . . . .	1	-	1	-	-	-
Graduate nurses . . . . .	-	20	20	-	-	-
Other nurses and attendants . . . . .	68	91	159	-	1	1
Occupational therapists . . . . .	1	2	3	-	-	-
Social workers . . . . .	-	2	2	-	-	-
All other officers and employees . . . . .	99	109	208	-	-	-
Total officers and employees . . . . .	178	225	403	-	1	1

*Classification by Diagnosis, September 31, 1935*

Census of Patient Population at end of year:

	Actually in Hospital			Absent from Hospital but still on Books		
	M.	F.	T.	M.	F.	T.
WHITE						
Insane . . . . .	241	302	543	33	25	58
Epileptics . . . . .	27	19	46	11	4	15
Mental defectives . . . . .	12	2	14	-	-	-
Epileptic and mentally defective . . . . .	407	416	823	26	34	60
Alcoholics . . . . .	-	-	-	1	-	1
All other cases . . . . .	17	11	28	1	-	1
Total . . . . .	704	750	1,454	72	63	135
OTHER RACES:						
Insane . . . . .	2	1	3	-	-	-
Epileptics . . . . .	1	1	2	-	-	-
Epileptic and mentally defective . . . . .	10	7	17	2	1	3
All other cases . . . . .	-	-	-	-	1	1
Total . . . . .	13	9	22	2	2	4
Grand Total . . . . .	717	759	1,476	74	65	139

	M.	F.	T.
Patients under treatment in occupational-therapy classes, including physical training, on date of report . . . . .	75	91	166
Average daily number of all patients actually in hospital during year . . . . .	717.67	748.30	1,465.97
Voluntary patients admitted during year . . . . .	76	85	161
Persons given advice or treatment in out-patient clinics during year . . . . .	36	27	63



TABLE 2. *Movement of Patient Population for the Year Ended September 30, 1935*  
 (Data in all of the following tables are based on the Statistical Year, October 1, 1934 to September 30, 1935)

	TOTAL			REGULAR COURT COMMITMENT (INSANE)			NOT INSANE TOTAL			SANE DANGEROUS			VOLUNTARY		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Patients on books of institution September 30, 1934	782	788	1,570	151	185	336	631	603	1,234	165	132	297	466	471	937
Admissions during year:															
First admissions	90	82	172	4	3	7	86	79	165	21	9	30	65	70	135
Readmissions	22	28	50	—	—	—	22	28	50	11	13	24	11	15	26
Total admissions	112	110	222	4	3	7	108	107	215	32	22	54	76	85	161
Transfers from other mental hospitals	4	—	4	4	—	4	—	—	—	—	—	—	—	—	—
Total received during year	116	110	226	8	3	11	108	107	215	32	22	54	76	85	161
Total on books during year	898	898	1,796	159	188	347	739	710	1,449	197	154	351	542	556	1,098
Discharged from books during year:															
As improved	2	4	6	—	—	—	2	4	6	—	1	1	2	3	5
As unimproved	44	23	67	—	1	1	44	22	66	13	3	16	31	19	50
Total discharged to community	46	27	73	—	1	1	46	26	72	13	4	17	33	22	55
Transferred to other mental hospitals	1	1	2	1	1	2	—	—	—	—	—	—	—	—	—
Died during year	60	46	106	16	11	27	44	35	79	16	7	23	28	28	56
Total discharged, transferred and died during year	107	74	181	17	13	30	90	61	151	29	11	40	61	50	111
Patients remaining on books of hospital at end of year:															
In hospital	717	759	1,476	142	169	311	575	590	1,165	148	130	278	427	460	887
On parole or otherwise absent	74	65	139	—	6	6	74	59	133	20	13	33	54	46	100
Total	791	824	1,615	142	175	317	649	649	1,298	168	143	311	481	506	987

## SUPPLEMENTARY DATA

	M.	F.	M.
Average daily number of patients on books during year	763.18	783.59	1,546.77
Actually in institution during year	717.67	748.29	1,465.96
On visit	44.33	35.27	79.60
On escape	1.17	.01	1.18
Number of patients actually remaining in institution September 30, 1935:			
State	689	724	1,413
Reimbursing	28	35	63
Number of non-insane patients in hospital at end of institution year:			
Mentally defective	12	2	14
Epileptic and mentally defective	417	423	840
Epileptic	28	20	48
Others	17	11	28





TABLE 4. Age of First Admissions Classified with Reference to Nativity, and Length of Residence in the United States of the Foreign Born

P.D. 62

INSANE																																				
AGE AT ADMISSION	Aggregate			NATIVE BORN												FOREIGN BORN																				
				Total			PARENTAGE												Total			TIME IN UNITED STATES BEFORE ADMISSION														
	Native						Foreign			Mixed			Unknown			5-9 years						10-14 years			15 years and over			Unknown								
	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.		
0-14 years . . .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15-19 years . . .	3	1	4	3	1	4	-	-	-	2	-	2	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20-24 years . . .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
25-29 years . . .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
30-34 years . . .	1	1	2	1	1	2	1	-	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
35-39 years . . .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
40-44 years . . .	-	1	1	-	1	1	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total . . .	4	3	7	4	3	7	1	-	1	2	1	3	1	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SANE																																				
0-14 years . . .	46	36	82	44	35	79	22	19	41	12	9	21	10	7	17	-	-	-	2	1	3	1	1	2	-	-	-	-	-	-	1	-	1	-	1	
15-19 years . . .	12	15	27	12	14	26	4	8	12	4	3	7	4	3	7	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	
20-24 years . . .	9	11	20	9	10	19	4	5	9	4	3	7	1	2	3	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	
25-29 years . . .	7	8	15	6	7	13	4	2	6	2	3	5	-	2	2	-	-	-	1	1	2	-	-	-	1	-	1	-	-	-	1	-	-	-	-	
30-34 years . . .	6	2	8	4	2	6	1	-	1	2	1	3	1	-	1	-	1	1	2	-	2	-	-	-	-	-	-	2	-	2	-	-	-	-	-	
35-39 years . . .	2	-	2	2	-	2	1	-	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
40-44 years . . .	2	4	6	1	3	4	1	-	1	-	1	1	-	2	2	-	-	-	1	1	2	-	-	-	1	-	1	-	1	1	-	-	-	-		
45-49 years . . .	1	-	1	1	-	1	1	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50-54 years . . .	1	-	1	1	-	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
55-59 years . . .	-	2	2	-	2	2	-	1	1	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
60-64 years . . .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
65-69 years . . .	-	1	1	-	1	1	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total . . .	86	79	165	80	74	154	38	35	73	26	21	47	16	17	33	-	1	1	6	5	11	1	1	2	2	-	2	2	4	6	1	-	1	-	1	
TOTAL																																				
0-14 years . . .	46	36	82	44	35	79	22	19	41	12	9	21	10	7	17	-	-	-	2	1	3	1	1	2	-	-	-	-	-	-	1	-	1	-	1	
15-19 years . . .	15	16	31	15	15	30	4	8	12	6	3	9	5	4	9	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	
20-24 years . . .	9	11	20	9	10	19	4	5	9	4	3	7	1	2	3	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	
25-29 years . . .	7	8	15	6	7	13	4	2	6	2	3	5	-	2	2	-	-	-	1	1	2	-	-	-	1	-	1	-	-	-	1	-	-	-	-	
30-34 years . . .	7	3	10	5	3	8	2	-	2	2	2	4	1	-	1	-	1	1	2	-	2	-	-	-	-	-	-	2	-	2	-	-	-	-	-	
35-39 years . . .	2	-	2	2	-	2	1	-	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
40-44 years . . .	2	5	7	1	4	5	1	-	1	-	1	1	-	3	3	-	-	-	1	1	2	-	-	-	1	-	1	-	1	1	-	-	-	-	-	
45-49 years . . .	1	-	1	1	-	1	1	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50-54 years . . .	1	-	1	1	-	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
55-59 years . . .	-	2	2	-	2	2	-	1	1	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
60-64 years . . .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
65-69 years . . .	-	1	1	-	1	1	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total . . .	90	82	172	84	77	161	39	35	74	28	22	50	17	19	36	-	1	1	6	5	11	1	1	2	2	-	2	2	4	6	1	-	1	-	1	

TABLE 5. *Citizenship of First Admissions*

	INSANE			SANE			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
Citizens by birth . . . . .	4	3	7	80	74	154	84	77	161
Citizens by naturalization . . . . .	—	—	—	1	3	4	1	3	4
Aliens . . . . .	—	—	—	3	2	5	3	2	5
Citizenship unknown . . . . .	—	—	—	2	—	2	2	—	2
Total . . . . .	4	3	7	86	79	165	90	82	172

TABLE 6. *Race of First Admissions*

	INSANE			SANE			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black) . . . . .	—	—	—	1	—	1	1	—	1
Armenian . . . . .	—	—	—	—	1	1	—	1	1
English . . . . .	—	1	1	12	9	21	12	10	22
Finnish . . . . .	—	—	—	1	—	1	1	—	1
French . . . . .	—	—	—	11	12	23	11	12	23
German . . . . .	—	—	—	—	1	1	—	1	1
Hebrew . . . . .	—	—	—	3	3	6	3	3	6
Irish . . . . .	—	1	1	14	8	22	14	9	23
Italian . . . . .	2	—	2	8	7	15	10	7	17
Lithuanian . . . . .	—	—	—	3	—	3	3	—	3
Portuguese . . . . .	—	—	—	4	1	5	4	1	5
Scotch . . . . .	—	—	—	2	3	5	2	3	5
Slavonic . . . . .	—	—	—	3	2	5	3	2	5
Mixed . . . . .	1	1	2	17	25	42	18	26	44
Other specific races . . . . .	—	—	—	1	—	1	1	—	1
Unknown . . . . .	1	—	1	6	7	13	7	7	14
Total . . . . .	4	3	7	86	79	165	90	82	172

TABLE 7. *Age of First Admissions*

AGE AT ADMISSION	INSANE			SANE			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 15 years . . . . .	—	—	—	46	36	82	46	36	82
15-19 years . . . . .	3	1	4	12	15	27	15	16	31
20-24 years . . . . .	—	—	—	9	11	20	9	11	20
25-29 years . . . . .	—	—	—	7	8	15	7	8	15
30-34 years . . . . .	1	1	2	6	2	8	7	3	10
35-39 years . . . . .	—	—	—	2	—	2	2	—	2
40-44 years . . . . .	—	1	1	2	4	6	2	5	7
45-49 years . . . . .	—	—	—	1	—	1	1	—	1
50-54 years . . . . .	—	—	—	1	—	1	1	—	1
55-59 years . . . . .	—	—	—	—	2	2	—	2	2
65-69 years . . . . .	—	—	—	—	1	1	—	1	1
Total . . . . .	4	3	7	86	79	165	90	82	172

TABLE 8. *Degree of Education of First Admissions (Patients 16 years and under)*

	INSANE			SANE			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
Less than first grade . . . . .	1	—	1	31	24	55	32	24	56
First grade . . . . .	—	—	—	3	—	3	3	—	3
Second grade . . . . .	—	—	—	4	4	8	4	4	8
Third grade . . . . .	1	—	1	3	6	9	4	6	10
Fourth grade . . . . .	—	—	—	3	4	7	3	4	7
Fifth grade . . . . .	—	—	—	3	5	8	3	5	8
Sixth grade or higher . . . . .	—	—	—	4	2	6	4	2	6
Total . . . . .	2	—	2	51	45	96	53	45	98



TABLE 8-A. *Degree of Education of First Admissions (Patients 17 years and over)*

	INSANE			SANE			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
Illiterate . . . . .	1	-	1	3	3	6	4	3	7
Reads only . . . . .	-	-	-	4	-	4	4	-	4
Reads and writes . . . . .	-	1	1	-	1	1	-	2	2
Common School . . . . .	1	2	3	20	20	40	21	22	43
High School . . . . .	-	-	-	8	8	16	8	8	16
College . . . . .	-	-	-	-	1	1	-	1	1
Unknown . . . . .	-	-	-	-	1	1	-	1	1
Total . . . . .	2	3	5	35	34	69	37	37	74

TABLE 9. *Population of Place of Residence of First Admissions*

	INSANE			SANE			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
0- 2,499 . . . . .	-	1	1	5	3	8	5	4	9
2,500- 9,999 . . . . .	-	1	1	12	14	26	12	15	27
10,000- 24,999 . . . . .	-	-	-	20	12	32	20	12	32
25,000- 49,999 . . . . .	2	-	2	14	9	23	16	9	25
50,000- 99,999 . . . . .	-	-	-	3	8	11	3	8	11
100,000-249,999 . . . . .	2	1	3	19	17	36	21	18	39
500,000 and over . . . . .	-	-	-	12	16	28	12	16	28
Unknown . . . . .	-	-	-	1	-	1	1	-	1
Total . . . . .	4	3	7	86	79	165	90	82	172

TABLE 10. *Economic Conditions of First Admissions*

	INSANE			SANE			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
Dependent . . . . .	2	2	4	22	27	49	24	29	53
Marginal . . . . .	2	1	3	62	48	110	64	49	113
Comfortable . . . . .	-	-	-	1	2	3	1	2	3
Unknown . . . . .	-	-	-	1	2	3	1	2	3
Total . . . . .	4	3	7	86	79	165	90	82	172

TABLE 11. *Use of Alcohol of First Admissions*

	INSANE			SANE			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
Abstinent . . . . .	4	3	7	79	78	157	83	81	164
Temperate . . . . .	-	-	-	3	1	4	3	1	4
Intemperate . . . . .	-	-	-	3	-	3	3	-	3
Unknown . . . . .	-	-	-	1	-	1	1	-	1
Total . . . . .	4	3	7	86	79	165	90	82	172

TABLE 12. *Marital Conditions of First Admissions*

	INSANE			SANE			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
Single . . . . .	4	2	6	79	72	151	83	74	157
Married . . . . .	-	1	1	6	6	12	6	7	13
Widowed . . . . .	-	-	-	-	1	1	-	1	1
Separated . . . . .	-	-	-	1	-	1	1	-	1
Total . . . . .	4	3	7	86	79	165	90	82	172

TABLE 13. *Mental Disorders of All Admissions, All Discharges, All Deaths, 1935, All Cases in Residence and All Cases Out on September 30, 1935, by Status of Admission and Sex*

INSANE

MENTAL DISORDERS	ALL ADMISSIONS			ALL DISCHARGES			ALL DEATHS			RESIDENT POPULATION			PATIENTS OUT ON VISIT ETC.		
	First Admissions			Read-missions			First Admissions			Read-missions			First Admissions		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
<i>Psychoses Due to Convulsive Disorders (Epilepsy):</i>															
Epileptic deterioration . . .	1	2	3	-	-	-	-	3	3	12	24	36	-	3	3
Epileptic clouded states . . .	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-
Other epileptic types . . .	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-
<i>Without Psychosis:</i>															
Epilepsy . . .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mental deficiency:															
Imbecile . . .	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Epilepsy and mental deficiency:															
Idiot . . .	2	-	2	-	-	-	6	3	9	1	1	2	44	34	78
Imbecile . . .	-	-	-	-	-	-	7	2	9	2	-	2	32	47	79
Moron . . .	1	1	2	-	-	-	-	1	1	-	-	-	10	14	24
Other non-psychotic diseases or conditions . . .	-	-	-	-	-	-	-	-	-	-	-	2	-	-	2
Grand Total . . .	4	3	7	-	-	-	13	9	22	3	2	5	100	122	222
													42	47	89
													-	4	4
													-	2	2

NOTE — Admissions and discharges do not include transfers.



TABLE 13. *Mental Disorder of All Admissions, All Discharges, All Deaths, 1935, All Cases in Residence and All Cases Out on September 30, 1935, by Status of Admissions and Sex — Continued*

SANE

MENTAL DISORDERS	ALL ADMISSIONS			ALL DISCHARGES			ALL DEATHS			RESIDENT POPULATION			PATIENTS OUT ON VISIT ETC.		
	First Admissions			Read-missions			First Admissions			Read-missions			First Admissions		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
<i>Psychoses Due to Convulsive Disorders (Epilepsy):</i>															
Epileptic deterioration . . .	25	31	56	7	10	17	11	6	17	7	1	8	10	11	21
Epileptic clouded states . . .	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2
<i>Psychoses Due to Disturbances of Metabolism, Growth, Nutrition or Endocrine Function:</i>															
Senile psychoses:															
Simple deterioration . . .	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
<i>Without Psychosis:</i>															
Alcoholism . . .	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Disorders due to epidemic encephalitis . . .	1	-	1	-	-	-	-	-	-	-	-	-	1	-	1
<i>Psychopathic personality:</i>															
With pathological emotionality . . .	-	-	-	-	-	-	-	-	-	-	-	-	2	1	3
With asocial or amoral trends . . .	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
Epilepsy . . .	12	3	15	3	-	3	10	5	15	2	-	2	23	15	38
<i>Mental deficiency:</i>															
Idiot . . .	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Imbecile . . .	-	-	-	-	-	-	-	-	-	-	-	-	2	1	3
Moron . . .	-	-	-	-	-	-	1	-	1	-	-	-	2	-	2
<i>Epilepsy and mental deficiency:</i>															
Idiot . . .	21	19	40	3	4	7	1	1	2	-	-	-	74	64	138
Imbecile . . .	15	17	32	7	8	15	7	1	8	-	-	-	8	17	25
Moron . . .	10	9	19	1	6	7	7	8	15	-	3	3	108	105	213
Other non-psychotic diseases or conditions . . .	-	-	-	-	-	-	-	-	-	-	-	-	54	55	109
No other condition . . .	1	-	1	1	-	1	-	1	1	-	-	-	10	9	19
													2	-	2
Grand Total . . .	86	79	165	22	28	50	37	22	59	9	4	13	412	419	831
													163	171	334
													60	47	107
													14	12	26

NOTE — Admissions and discharges do not include transfers.

TABLE 13. *Mental Disorders of All Admissions, All Discharges, All Deaths, 1935, All Cases in Residence and All Cases Out on September 30, 1935, by States of Admission and Sex — Concluded*

TOTAL

MENTAL DISORDERS	ALL ADMISSIONS			ALL DISCHARGES			ALL DEATHS			RESIDENT POPULATION			PATIENTS OUT ON VISIT ETC.		
	First Admissions			Read-missions			First Admissions			Read-missions			First Admissions		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
<i>Psychoses Due to Convulsive Disorders (Epilepsy):</i>															
Epileptic deterioration . . .	26	33	59	7	10	17	11	6	17	7	1	8	10	14	24
Epileptic clouded states . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other epileptic types . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>Psychoses Due to Disturbances of Metabolism, Growth, Nutrition, or Endocrine Function:</i>															
Senile psychoses:															
Simple deterioration . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>Without Psychosis:</i>															
Alcoholism . . .	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—
Disorders due to epidemic encephalitis . . .	1	—	1	—	—	—	—	—	—	—	—	—	1	—	1
Psychopathic personality:															
With pathological emotionality . . .	—	—	—	—	—	—	—	—	—	2	1	3	—	1	1
With asocial or amoral trends . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Epilepsy . . .	12	3	15	3	—	3	10	5	15	2	—	2	8	2	10
Mental deficiency:															
Idiot . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Imbecile . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Moron . . .	—	—	—	—	—	—	1	—	1	—	—	—	—	—	—
Epilepsy and mental deficiency:															
Idiot . . .	23	19	42	3	4	7	1	1	2	—	—	—	16	11	27
Imbecile . . .	15	17	32	7	8	15	7	2	9	—	—	—	15	2	17
Moron . . .	11	10	21	1	6	7	7	8	15	—	3	3	3	5	8
Other non-psychotic diseases or conditions . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
No other condition . . .	1	—	1	1	—	1	—	—	—	—	—	—	—	—	—
Grand Total . . .	90	82	172	22	28	50	37	23	60	9	4	13	44	32	76

NOTE: — Admissions and discharges do not include transfers.



TABLE 14. *Discharge of Patients and Condition on Discharge*

	INSANE			SANE			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
Improved . . . . .	-	-	-	2	4	6	2	4	6
Unimproved . . . . .	-	1	1	44	22	66	44	23	67
Total . . . . .	-	1	1	46	26	72	46	27	73

TABLE 15. *Hospital Residence During this Admission of First Admissions Discharged during 1935*

	AVERAGE NET HOSPITAL RESIDENCE IN YEARS								
	INSANE			SANE			TOTAL		
	M.	T.	T.	M.	F.	T.	M.	F.	T.
With convulsive disorders (epil.)	-	-	-	.93	2.11	1.34	.93	2.11	1.34
Without psychoses . . . . .	-	12.50	12.50	1.53	1.94	1.68	1.53	2.56	1.93
Total . . . . .	-	12.50	12.50	1.35	1.98	1.58	1.35	2.44	1.77

TABLE 16. *Causes of Death*

	INSANE			SANE			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
Scarlet fever . . . . .	-	-	-	2	1	3	2	1	3
Tuberculosis of the respiratory system . . . . .	1	2	3	-	3	3	1	5	6
Disseminated tuberculosis . . . . .	-	-	-	-	1	1	-	1	1
Cancer and other malignant tumors . . . . .	-	1	1	1	-	1	1	1	2
Cerebral hemorrhage . . . . .	-	1	1	1	-	1	1	1	2
Epilepsy . . . . .	10	4	14	21	16	37	31	20	51
Diseases of the organs of special sense (eye, ear and mastoid) . . . . .	-	-	-	1	-	1	1	-	1
Chronic endocarditis (valvular disease) . . . . .	-	-	-	-	2	2	-	2	2
Diseases of the myocardium . . . . .	1	-	1	2	1	3	3	1	4
Other diseases of the heart . . . . .	1	-	1	1	1	2	2	1	3
Bronchopneumonia (including capillary bronchitis) . . . . .	1	-	1	10	-	10	11	-	11
Lobar pneumonia . . . . .	-	-	-	1	-	1	1	-	1
Pleurisy . . . . .	-	1	1	-	1	1	-	2	2
Other diseases of the respiratory system . . . . .	-	1	1	-	3	3	-	4	4
Other diseases of the stomach . . . . .	1	-	1	-	-	-	1	-	1
Diarrhea and enteritis . . . . .	-	-	-	-	2	2	-	2	2
Peritonitis . . . . .	-	-	-	1	-	1	1	-	1
Osteomyelitis . . . . .	-	-	-	-	1	1	-	1	1
Accidental mechanical suffocation . . . . .	-	1	1	3	2	5	3	3	6
Accidental traumatism . . . . .	1	-	1	-	1	1	1	1	2
Total . . . . .	16	11	27	44	35	79	60	46	106

TABLE 17. *Age of Patients at Time of Death*

	INSANE			SANE			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
0-14 years . . . . .	1	1	2	13	8	21	14	9	23
15-19 years . . . . .	2	-	2	3	4	7	5	4	9
20-24 years . . . . .	1	1	2	10	3	13	11	4	15
25-29 years . . . . .	1	1	2	3	3	6	4	4	8
30-34 years . . . . .	3	2	5	2	3	5	5	5	10
35-39 years . . . . .	3	-	3	-	2	2	3	2	5
40-44 years . . . . .	3	1	4	-	2	2	3	3	6
45-49 years . . . . .	1	1	2	4	1	5	5	2	7
50-54 years . . . . .	1	3	4	1	1	2	2	4	6
55-59 years . . . . .	-	-	-	1	3	4	1	3	4
60-64 years . . . . .	-	-	-	3	2	5	3	2	5
65-69 years . . . . .	-	-	-	2	2	4	2	2	4
70 years and over . . . . .	-	1	1	2	1	3	2	2	4
Total . . . . .	16	11	27	44	35	79	60	46	106

TABLE 18. *Total Net Duration of Hospital Life of Patients Dying in Hospital*

	INSANE			SANE			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
Less than 1 month . . . . .	-	-	-	-	2	2	-	2	2
1- 3 months . . . . .	-	-	-	3	1	4	3	1	4
4- 7 months . . . . .	-	-	-	5	-	5	5	-	5
8-12 months . . . . .	-	-	-	1	-	1	1	-	1
1- 2 years . . . . .	-	-	-	4	8	12	4	8	12
3- 4 years . . . . .	-	1	1	10	2	12	10	3	13
5- 6 years . . . . .	-	-	-	4	5	9	4	5	9
7- 8 years . . . . .	2	1	3	3	2	5	5	3	8
9-10 years . . . . .	-	1	1	4	4	8	4	5	9
11-12 years . . . . .	-	1	1	4	3	7	4	4	8
13-14 years . . . . .	2	1	3	4	-	4	6	1	7
15-19 years . . . . .	2	1	3	1	5	6	3	6	9
20 years and over . . . . .	10	5	15	1	3	4	11	8	19
Total . . . . .	16	11	27	44	35	79	60	46	106

TABLE 19. *Average Length of Hospital Residence During the Present Admission of All First Admission Cases in Residence on September 30, 1935*

	INSANE			SANE			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
With convulsive disorders (epilepsy) . . . . .	9.91	10.20	10.11	8.35	11.41	10.06	8.48	11.24	10.07
Senile psychoses . . . . .	-	-	-	1.50	-	1.50	1.50	-	1.50
Without psychoses . . . . .	10.53	13.19	11.91	6.49	7.76	7.09	7.46	9.25	8.33
Total . . . . .	11.45	12.53	11.59	7.08	9.23	8.16	7.74	9.97	8.89

TABLE 19-A. *Average Length of Hospital Residence During the Present Admission of All Readmission Cases in Residence on September 30, 1935*

	INSANE			SANE			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
With convulsive disorders (epilepsy) . . . . .	13.44	17.50	15.70	8.10	9.48	8.80	9.37	11.67	10.57
Without psychoses . . . . .	17.71	15.61	16.68	8.52	8.13	8.32	10.14	9.34	9.73
Total . . . . .	15.37	16.77	16.11	8.33	8.74	8.54	9.77	10.47	10.13





